

CAPE FEAR RIVER BASIN

0209768310 JORDAN LAKE AT BUOY 12 AT FARRINGTON, NC

LOCATION.--Lat 35°47'55", long 79°00'22", Chatham County, Hydrologic Unit 03030002, .02 mi above Secondary Road 1008, and .2 mi east of Farrington.

PERIOD OF RECORD.--Water years 1992 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. A GC/FID scan for trace organic compounds was performed on samples collected in November 1994 and May 1995. Results may be obtained from the District office in Raleigh. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SAM- PLING DEPTH (FEET) (000003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (000095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (004000)	TEMPER- ATURE WATER (DEG C) (000110)	COLOR (PLAT- INUM- COBALT UNITS) (000080)	BARO- METRIC PRES- SURE OF HG) (000025)	TRANS- PAR- ENCY (SECCHI DISK) (M) (000078)	OXYGEN, DIS- SOLVED (MG/L) (003000)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (003011)	HARD- NESS TOTAL (MG/L AS CACO3) (009000)
NOV 03...	1200	1.00	165	8.5	18.0	21	758	0.65	9.8	104	30
MAY 16...	1015	1.00	138	7.5	24.5	18	750	0.70	7.9	96	31
AUG 01...	1330	1.00	139	9.0	32.5	40	752	0.35	10.2	143	30
SEP 06...	1130	1.00	140	7.3	26.0	38	755	0.35	7.8	97	29
DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	ALKA- LINITY, CARBON- ATE IT-FLD (MG/L - CAC03) (99430)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
NOV 03...	7.8	2.6	17	52	1	3.3	38	33	16	16	0.30
MAY 16...	7.8	2.7	13	45	1	2.9	34	28	27	96	0.10
AUG 01...	7.9	2.6	12	43	0.9	3.1	21	26	11	11	0.20
SEP 06...	7.4	2.5	13	46	1	3.3	40	33	13	12	0.20
DATE	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. TOTAL (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)
NOV 03...	3.5	96	--	<0.010	<0.050	0.020	0.78	0.38	0.80	0.40	0.80
MAY 16...	3.4	138	--	<0.010	<0.050	0.020	0.88	0.38	0.90	0.40	0.90
AUG 01...	5.9	84	0.110	<0.010	0.110	0.020	0.48	0.28	0.50	0.30	0.61
SEP 06...	6.1	100	--	0.030	<0.050	<0.015	1.0	--	1.0	0.30	1.0

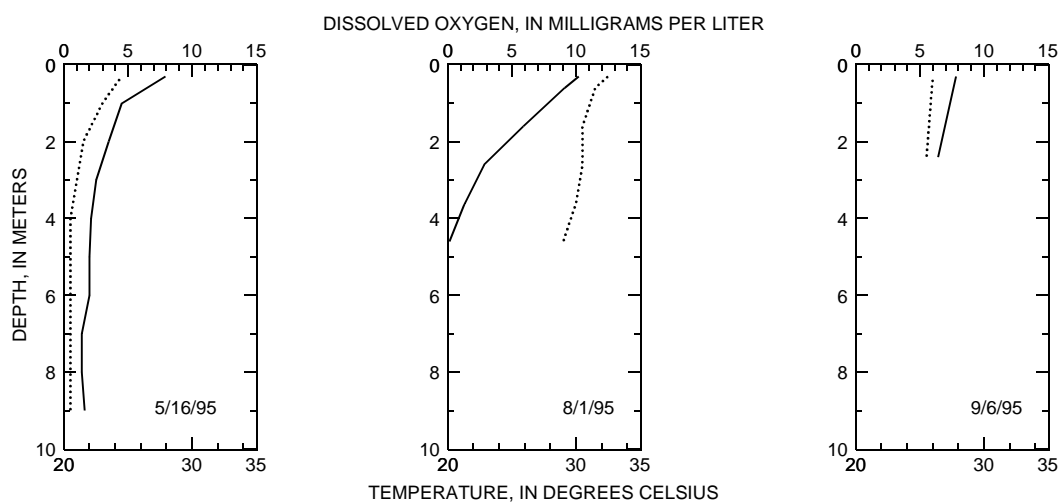
CAPE FEAR RIVER BASIN

0209768310 JORDAN LAKE AT BUOY 12 AT FARRINGTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL RECOV- ERABLE (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)
NOV 03...	--	0.050	<0.010	<0.010	34.0	3.20	110	<1	<1	<1	<1
MAY 16...	--	0.050	0.010	<0.010	25.0	1.80	170	<1	<1	1	<1
AUG 01...	0.41	0.020	<0.010	<0.010	22.0	0.800	60	<1	<1	<1	<1
SEP 06...	--	0.090	0.010	<0.010	55.0	3.00	--	--	--	--	--

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
NOV 03...	<1	280	<1	200	<0.10	2	1	<1	<1	<10	9.2
MAY 16...	2	260	<1	130	<0.10	3	5	<1	<1	10	11
AUG 01...	1	230	<1	130	<0.10	2	<1	<1	<1	<10	12
SEP 06...	--	--	--	--	--	--	--	--	--	--	12



EXPLANATION

— DISSOLVED OXYGEN WATER TEMPERATURE

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PERIOD OF RECORD.--Water years 1992 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

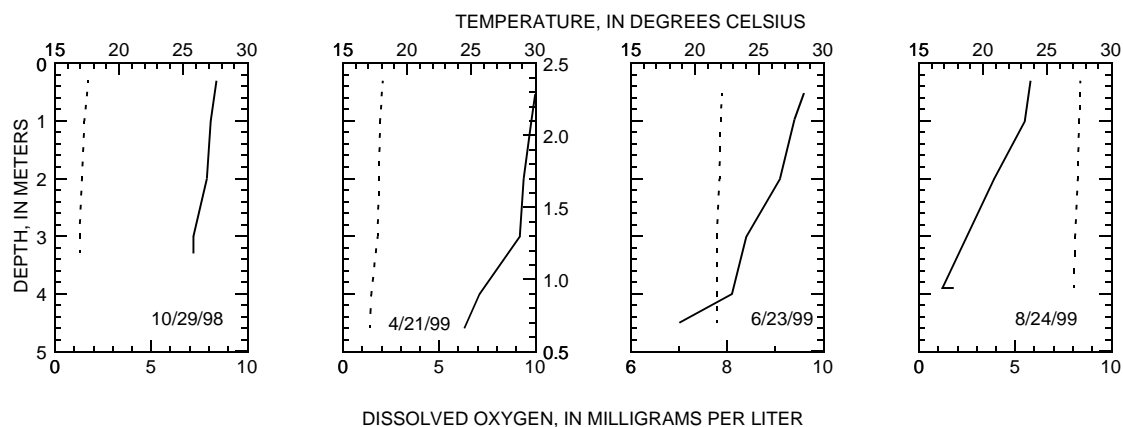
				PH						OXYGEN,	
				WATER						DIS-	
				WHOLE						SOLVED	
				FIELD		TEMPER-		COLOR		(PER-	
				(STAND-		ATURE		(PLAT-		CENT	
				ARD		WATER		INUM-		SATUR-	
				UNITS)		(DEG C)		COBALT		ATION)	
		(000003)		(000095)		(000400)		(000080)		(000301)	

CAPE FEAR RIVER BASIN

0209768310 JORDAN LAKE AT BUOY 12 AT FARRINGTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT 29...	390	<1	300	<.10	3	1	<1	<1	<10	8.9
APR 21...	470	<1	120	<.10	1	<1	<1	<1	<40	11
JUN 23...	--	--	--	--	--	--	--	--	--	11
AUG 24...	--	--	--	--	--	--	--	--	--	--



EXPLANATION

—— Dissolved Oxygen
 Water Temperature

CAPE FEAR RIVER BASIN

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	PH WATER WHOLE FIELD (STAND- ARD	TEMPER- ATURE WATER	COLOR (PLAT- INUM- COBALT	BARO- METRIC PRES- SURE	TRANS- PAR- ENCY	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	
		(US/CM) (00095)	(UNITS) (00400)	(DEG C) (00010)	(UNITS) (00080)	(MM OF HG) (00025)	(SECCHI DISK) (M) (00078)		(00300)	(00301)	(00900)	(00915)
OCT 11...	1300	132	7.4	23.0	23	757	0.35	8.4	98	27	6.9	
MAY 02...	1200	146	7.2	21.5	50	764	0.45	8.1	92	33	8.5	
JUN 13...	1200	146	7.4	27.5	80	762	0.45	7.2	91	32	8.0	
SEP 29...	1200	107	6.5	22.0	100	764	0.45	2.9	34	27	6.9	
DATE	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	ALKA- LINITY, CARBON- ATE IT-FLD (MG/L - CAC03) (99430)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	
	OCT 11...	2.3	13	48	1	3.3	32	27	14	12	0.10	4.3
	MAY 02...	2.8	13	44	1	2.6	23	19	13	22	0.20	3.6
	JUN 13...	2.8	12	43	0.9	2.5	--	--	13	18	0.20	4.1
	SEP 29...	2.3	7.8	36	0.7	3.1	32	26	7.4	8.0	0.10	6.5
DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	
	OCT 11...	74	0.050	<0.010	0.050	0.050	0.020	0.58	--	0.60	<0.20	0.65
	MAY 02...	116	0.140	0.010	0.150	0.150	0.220	0.68	0.28	0.90	0.50	1.0
	JUN 13...	84	0.200	0.030	0.230	0.230	0.110	0.59	0.39	0.70	0.50	0.93
	SEP 29...	92	--	<0.010	--	<0.050	0.130	0.77	0.37	0.90	0.50	0.90

CAPE FEAR RIVER BASIN

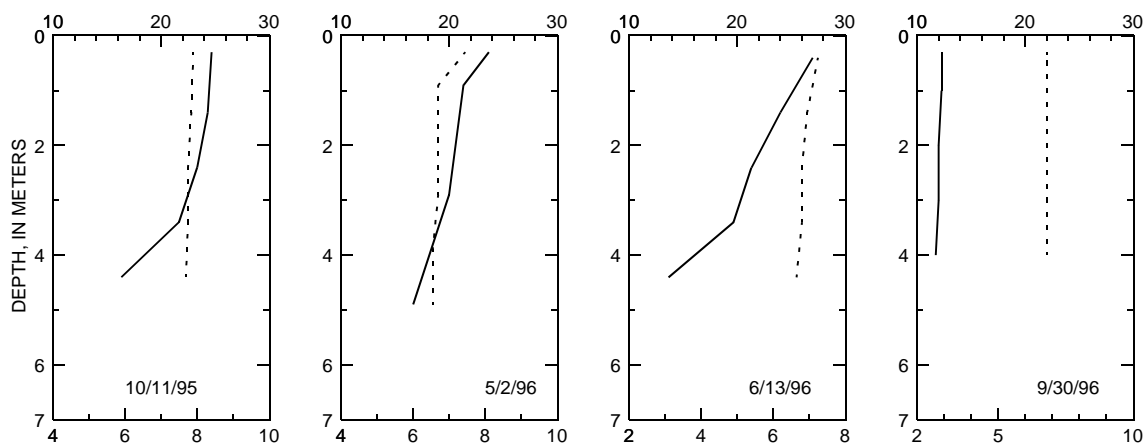
0209768310 JORDAN LAKE AT BUOY 12 AT FARRINGTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)
OCT 11...	--	0.050	<0.010	<0.010	28.0	1.30	220	1	<1	1	<1
MAY 02...	0.65	0.050	0.010	<0.010	0.800	<0.100	280	<1	<1	<1	<1
JUN 13...	0.73	0.090	<0.010	<0.010	1.10	<0.100	--	--	--	--	--
SEP 29...	--	0.100	<0.010	0.010	4.30	0.800	--	--	--	--	--

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT 11...	<1	390	<1	190	<0.10	3	<1	<1	<1	<10	11
MAY 02...	2	410	<1	100	<0.10	<1	3	<1	<1	20	8.2
JUN 13...	--	--	--	--	--	--	--	--	--	--	8.0
SEP 29...	--	--	--	--	--	--	--	--	--	--	14

TEMPERATURE, IN DEGREES CELSIUS



DISSOLVED OXYGEN, IN MILLIGRAMS PER LITER

EXPLANATION

..... WATER TEMPERATURE
 ——— DISSOLVED OXYGEN

CAPE FEAR RIVER BASIN

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DATE	TIME	SAM-PLING DEPTH (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	TRANS-PAR-ENCY (SECCHI DISK) (M)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)
		(00003)	(00095)	(00400)	(00010)	(00080)	(00025)	(00078)	(00300)	(00301)
OCT 21...	1200	1.00	98.0	7.10	17.5	60	755	.450	10.8	114
APR 03...	1145	1.00	126	8.95	17.0	50	768	.300	13.5	138
AUG 01...	1115	1.00	133	7.25	27.5	35	755	.400	6.72	86
26...	1015	1.00	139	6.96	28.0	16	758	.450	5.87	75
DATE	HARD-NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	BICAR-BONATE IT-FLD AS HCO3)	ANC UNFLTRD CARBON-ATE IT-FLD (MG/L - CAC03)	SULFATE DIS-SOLVED (MG/L AS SO4)
	(00900)	(00915)	(00925)	(00930)	(00932)	(00931)	(00935)	(99440)	(99430)	(00945)
OCT 21...	25	6.7	2.1	8.1	38	.7	3.0	27.0	22	8.3
APR 03...	32	8.2	2.7	11	41	.9	2.3	16	29	11
AUG 01...	30	7.8	2.5	12	45	1	2.6	--	--	10
26...	31	7.9	2.6	13	45	1	2.9	34	28	11
DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, ORGANIC TOTAL AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, TOTAL (MG/L AS N)
	(00940)	(00950)	(00955)	(70300)	(00613)	(00631)	(00608)	(00605)	(00625)	(00600)
OCT 21...	7.4	.20	6.3	60	.031	.120	.040	.46	.50	.62
APR 03...	11	.2	4.0	80	.004	.078	<.002	--	1.0	1.1
AUG 01...	11	.2	5.2	84	.005	.011	.018	1.0	1.0	1.0
26...	11	.2	4.9	83	<.0010	<.00500	.004	3.4	3.4	--

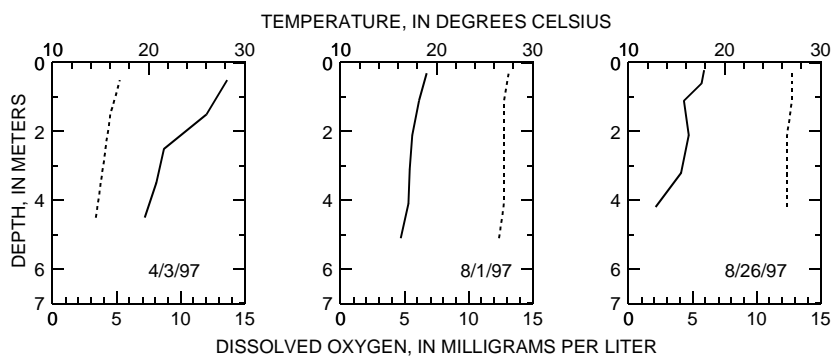
CAPE FEAR RIVER BASIN

0209768310 JORDAN LAKE AT BUOY 12 AT FARRINGTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	PHOS-PHOSUS TOTAL (MG/L AS P) (00665)	PHOS-PHOSUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)
OCT 21...	.040	<.001	9.10	1.10	160	<1	<1	<1	<1	2
APR 03...	.080	.003	7.9	.8	200	<1	<1	<1.0	<1	2
AUG 01...	.04	.003	25	1.3	--	--	--	--	--	--
26...	.30	.001	22	.9	--	--	--	--	--	--

DATE	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT 21...	600	<1	130	<.10	2	1	<1	<1	<10	12
APR 03...	550	<1	130	<.1	<1.0	1	<1	<1	<10	9.9
AUG 01...	--	--	--	--	--	--	--	--	--	9.8
26...	--	--	--	--	--	--	--	--	--	9.3



EXPLANATION

----- WATER TEMPERATURE
 ——— DISSOLVED OXYGEN

CAPE FEAR RIVER BASIN

0209768310 JORDAN LAKE AT BUOY 12 AT FARRINGTON, NC

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REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Samples for nutrient and chlorophyll *a* and *b* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

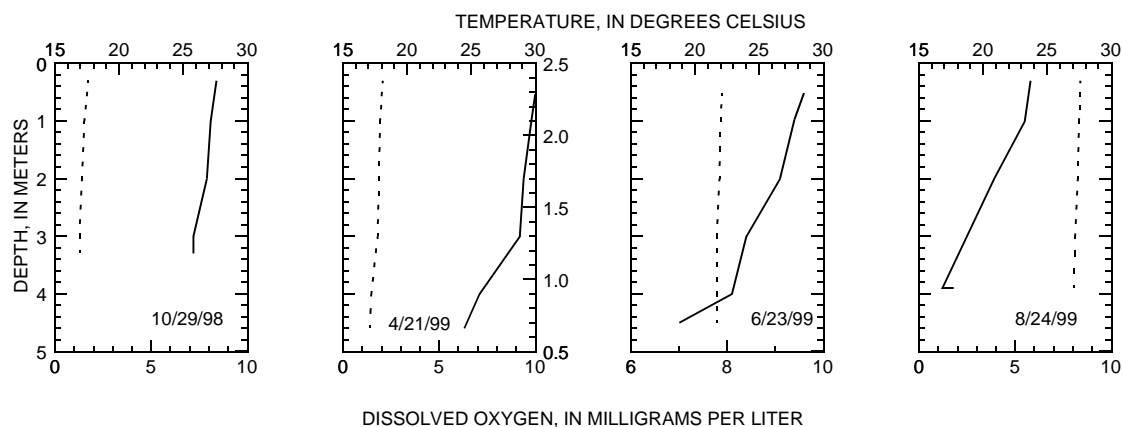
				PH						OXYGEN, DIS-	
DATE	TIME	SAMPLING DEPTH (FEET) (000003)	SPECIFIC CONDUCTANCE (US/CM) (000095)	WATER WHOLE FIELD (STANDARD UNITS) (000400)	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TRANSPARENCY (SECCHI DISK) (00078)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PERCENT SATURATION) (00301)	
OCT 29...	1200	1.00	178	7.0	17.6	50	756	.35	8.4	89	
APR 21...	1000	1.00	131	7.8	18.1	50	755	.45	10.1	108	
JUN 23...	1045	1.00	166	8.0	22.1	50	755	.30	9.6	111	
AUG 24...	0915	1.00	202	7.4	27.6	70	758	.35	5.8	74	
DATE		HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	SODIUM PERCENT (00932)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	BICARBONATE (MG/L AS HCO3) (99440)	ANCIENT WATER UNFILTERED FIELD (MG/L AS CaCO3) (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
OCT 29...	32	8.4	2.7	18	52	1	3.3	20	16	16	
APR 21...	28	7.2	2.3	12	45	1	2.8	32	27	13	
JUN 23...	32	8.4	2.8	18	52	1	3.4	40	33	16	
AUG 24...	37	9.6	3.1	23	55	2	4.0	47	39	18	
DATE		CHLORIDE, DIS-SOLVED (MG/L AS Cl) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, TOTAL (MG/L AS N) (00600)
OCT 29...	17	.29	4.3	105	.006	.006	.019	.89	.91	.92	
APR 21...	11	.17	3.0	81	.004	.044	.006	.85	.85	.89	
JUN 23...	16	.23	.85	97	.001	<.005	.007	.95	.95	--	
AUG 24...	20	.27	5.3	121	<.001	<.005	<.002	--	1.2	--	
DATE		PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CHLOROPHYLL-A PHYTOPLANKTON CHROMOPHYTOMETER (UG/L) (70953)	CHLOROPHYLL-B PHYTOPLANKTON CHROMOPHYTOMETER (UG/L) (70954)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM, WATER UNFILTERED TOTAL (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOVERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)
OCT 29...	.060	.022	20.0	.980	210	<1	<1	<1	<1	<1	
APR 21...	.062	.003	22.1	.760	200	1	<1	<1	<1	2	
JUN 23...	.078	.003	26.2	2.00	--	--	--	--	--	--	
AUG 24...	.086	.001	51.5	2.20	--	--	--	--	--	--	

CAPE FEAR RIVER BASIN

0209768310 JORDAN LAKE AT BUOY 12 AT FARRINGTON, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT 29...	390	<1	300	<.10	3	1	<1	<1	<10	8.9
APR 21...	470	<1	120	<.10	1	<1	<1	<1	<40	11
JUN 23...	--	--	--	--	--	--	--	--	--	11
AUG 24...	--	--	--	--	--	--	--	--	--	--



EXPLANATION

— Dissolved Oxygen
 Water Temperature

